PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Application of:

Jeffrey A. Bluestone

Serial No.: 10/067,104

Filed: February 4, 2002

For: METHODS AND COMPOSITIONS FOR PROMOTING IMMUNOPOTENTIATION

Group Art Unit: 1619

Examiner: Unknown

Atty. Dkt. No.: TOLT:006USD4

CERTIFICATE OF MAILING 37 C.F.R 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231, on the date below:

November 6, 2002

Date

Gina N. Shishima

PRELIMINARY AMENDMENT

BOX MISSING PARTS

Commissioner for Patents Washington, D.C. 20231

Sir:

Applicants respectfully submit this Preliminary Amendment in the above-referenced case. Consideration of this case in view of the amendments made herein is respectfully requested.

AMENDMENT

In the Specification:

Please amend the specification as follows:

Please delete the Abstract numbered page 99-100 and insert heretofore the Abstract numbered page 99 attached hereto as Appendix A.

REMARKS

The specification has been amended to include an Abstract of less than 150 words. No new matter is introduced by this amendment.

Should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No. 50-TOLT:006USD4.

The Examiner is invited to contact the undersigned attorney with any questions, comments or suggestions relating to the referenced patent application.

Respectfully submitted,

Gina N. Shishima

Reg. No. 45,104

Attorney for Applicant

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Date:

November 6, 2002

ABSTRACT

This invention discloses immunopotentiating agents which stimulate an immune response. These agents are categorized into single agents that act directly, adjuvants added concurrently with the agents, or heteroconjugates. Heteroconjugate agents eleicit or enhance a cellular or humoral immune response which may be specific for an epitope contained within an amino acid sequence. Enhanced hematopoieses by bone marrow stem cell recruitment was also a result of administering some of these agents.

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